

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Original) A liquid container, comprising:

at least four liquid storing bags, each including:

a liquid outlet member having a liquid outlet port, and

a liquid storing part formed of flexible film material; and

a liquid container case including:

a base, and

support parts for fixing the liquid outlet members to expose the liquid outlet ports to an outside of the liquid container case,

wherein the at least four liquid storing bags are disposed to be shifted from each other with a part of the liquid storing bag overlapping a part of the adjacent liquid storing bag along the base of the liquid container case in an interior of the liquid container case.

2. (Previously Presented) The liquid container according to claim 1, wherein:

the liquid container case includes:

a case body having the base, a side wall intersecting the base and having

the support parts, and an open face opposite to the base; and

a lid member covering the open face.

3. (Original) The liquid container according to claim 1, wherein a space between the adjacent liquid outlet ports is gradually increased as it goes from ends in the arranging direction of the liquid outlet ports toward a center.

4. (Original) The liquid container according to claim 2, wherein a space between the adjacent liquid outlet ports is gradually increased as it goes from ends in the arranging direction of the liquid outlet ports toward a center.

5. (Original) The liquid container according to any one of claims 1 to 4, wherein the liquid storing bag is formed by welding four sides of two sheets of flexible films.

6. (Original) The liquid container according to any one of claims 1 to 4, wherein central axes of the liquid outlet ports are all disposed on the same horizontal plane.

7. (Original) The liquid container according to any one of claims 1 to 4, wherein the liquid storing bags are stored at a designated angle of inclination.

8. (Original) The liquid container according to claim 7, wherein the liquid container case further includes a member adapted to hold the liquid storing bags in an attitude of being inclined at a designated angle.

9. (Previously Presented) The liquid container according to claim 8, wherein the attitude holding member is formed integral with the liquid container case.

10. (Original) The liquid container according to any one of claims 1 to 4, further comprising:

at least one of a reverse insertion preventing member and an erroneous insertion preventing member,

wherein the reverse insertion preventing member prevents the liquid container from being mounted in an attitude other than a designated attitude to a liquid ejection device for ejecting liquid in the liquid storing bags from a liquid ejection head, and

the erroneous insertion preventing member prevents the liquid container from being inserted into an improper liquid ejection device not having a designated shape.

11. (Original) The liquid container according to claim 10, wherein the reverse insertion preventing member and/or the erroneous insertion preventing member are disposed on the liquid container case.

12. (Original) The liquid container according to claim 11, wherein the reverse insertion preventing member and/or the erroneous insertion preventing member is disposed on the liquid container case between the liquid outlet port of the liquid storing bag disposed at the outermost end of the plurality of liquid storing bags and one wall surface of the liquid container case intersecting the base.

13. (Original) The liquid container according to any one of claims 1 to 4, further comprising:

a circuit board having a storing part storing information regarding the liquid container,

wherein the circuit board is disposed on the liquid container case between the liquid outlet port of the liquid storing bag disposed at the outermost end of the plurality of liquid storing bags and one wall surface of the liquid container case intersecting the base.

14. (Original) The liquid container according to claim 10, further comprising:
a circuit board having a storing part storing information regarding the liquid container,

wherein the reverse insertion preventing member and/or the erroneous insertion preventing member, and the circuit board are disposed on the liquid container case between the liquid outlet port of the liquid storing bag disposed at the outermost end of the plurality of liquid storing bags and one wall surface of the liquid container case intersecting the base.

15. (Original) The liquid container according to any one of claims 1 to 4, wherein each of the liquid storing bags is provided with an information indicating member having information regarding liquid stored therein.

16. (Original) A liquid ejection device, comprising an accommodation part for accommodating the liquid container as claimed in any one of claims 1 to 4.

17. (Original) A liquid container case, which is adapted to store a plurality of liquid storing bags, each including an outlet member having a liquid outlet port and being attached to a flexible film, the liquid container case comprising:

a plurality of support parts for supporting the outlet members to store the liquid storing bags with a part of the liquid storing bag overlapping a part of the adjacent liquid storing bag.

18. (Cancelled)

19. (Currently Amended) ~~The liquid container according to claim 18, further comprising:~~
A liquid container comprising:

a first and a second liquid storing bag, each including:

flexible liquid storing part having an upper surface and a lower surface,

and

a liquid outlet member being attached to the liquid storing part and having

a liquid outlet port in fluid communication with an interior of the liquid storing part;

a liquid container case including:

a base defining a bottom surface, and

a first side wall intersecting the base, and receiving the liquid outlet

members of the first and second liquid storing bags,

a first slope member defining a first slope surface inclined relative to the bottom surface, wherein:

the lower surface of the liquid storing part of the first liquid storing bag partly contacts the slope surface and the bottom surface; and

the lower surface of the liquid storing part of the second liquid storing bag partly contacts the upper surface of the liquid storing part of the first liquid storing bag and the bottom surface;

a third and a fourth liquid storing ~~bags~~bag, each including:

a flexible liquid storing part having an upper surface and a lower surface,

and

a liquid outlet member being attached to the liquid storing part, having a liquid outlet port in fluid communication with an interior of the liquid storing part, and being received by the side wall, wherein:

the lower surface of the liquid storing part of the third liquid storing bag partly contacts the upper surface of the liquid storing part of the second liquid storing bag and the bottom surface; and

the lower surface of the liquid storing part of the fourth liquid storing bag partly contacts the upper surface of the liquid storing part of the third liquid storing bag and the bottom surface.

20. (Previously Presented) The liquid container according to claim 19, wherein:

an axis-to-axis distance between the liquid outlet ports of the first and second liquid storing bags is shorter than an axis-to-axis distance between the liquid outlet ports of the second and third liquid storing bags.

21. (Previously Presented) The liquid container according to claim 20, wherein:

the axis-to-axis distance between the liquid outlet ports of the second and third liquid storing bags is shorter than an axis-to-axis distance between the liquid outlet ports of the third and fourth liquid storing bags.

22. (Cancelled)

23. (Original) The liquid container according to claim 19, wherein the first, second, third and fourth liquid storing bags has the same shape and the same liquid storing capacity.

24. (Original) The liquid container according to claim 19, wherein a quantity of liquid filled in one of the first, second, third and fourth liquid storing bags is different from a quantity of liquid filled in another of the first, second, third and fourth liquid storing bags.

25. (Cancelled)

26. (Cancelled)

27. (Currently Amended) ~~The liquid container according to claim 18, further comprising:~~
A liquid container comprising:

a first and a second liquid storing bag, each including:

flexible liquid storing part having an upper surface and a lower surface,

and

a liquid outlet member being attached to the liquid storing part and having

a liquid outlet port in fluid communication with an interior of the liquid storing part;

a liquid container case including:

a base defining a bottom surface, and

a first side wall intersecting the base, and receiving the liquid outlet

members of the first and second liquid storing bags,

a first slope member defining a first slope surface inclined relative to the bottom surface, wherein:

the lower surface of the liquid storing part of the first liquid storing bag partly contacts the slope surface and the bottom surface; and

the lower surface of the liquid storing part of the second liquid storing bag partly contacts the upper surface of the liquid storing part of the first liquid storing bag and the bottom surface;

a groove extending from the first side wall in a direction perpendicular to the first side wall, and being located in a region between the slope surface and a second side wall that intersects the base and the first side wall and that extends in the direction perpendicular to the first side wall.

28. (Cancelled)

29. (Previously Presented) The liquid container according to claim 19, wherein axes of the liquid outlet ports of the first, second, third and fourth liquid storing bags are arranged on a line extending parallel to the base of the liquid container case.

30. (Previously Presented) The liquid container according to claim 29, wherein each of the liquid storing bags defines an imaginary plane that connects a lateral side at which the upper surface meets the lower surface to an opposite lateral side at which the upper surface meets the lower surface and that also contains an axis of the liquid outlet port, and the imaginary plane of each of the liquid storing bags is inclined about 15 degrees relative to the line on which the axes of the liquid outlet ports are arranged.

31. (Cancelled)

32. (Cancelled)

33. (Previously Presented) The liquid container according to claim 27, wherein a plurality of projections are disposed in the groove.

34. (Previously Presented) The liquid container according to claim 27, wherein a circuit board having a memory and an electric contact is disposed in the groove.

35. (Previously Presented) The liquid container according to claim 19, wherein a label is attached to the upper surface of the first liquid storing bag at a location where the label does not contact the lower surface of the second liquid storing bag.

36. (Previously Presented) A liquid container comprising:

a first, a second, a third and a fourth liquid storing bag, each including:

a flexible liquid storing part, and

a liquid outlet member attached to the liquid storing part and having a liquid outlet port in fluid communication with an interior of the liquid storing part;

a liquid container case including:

a base, and

a first side wall intersecting the base, and receiving the liquid outlet members of the first, second, third and fourth liquid storing bags so that liquid outlet ports of the first, second, third and fourth liquid storing bags are arranged in this order,

wherein:

an axis-to-axis distance between the liquid outlet ports of the first and second liquid storing bags is smaller than an axis-to-axis distance between the liquid outlet ports of the second and third liquid storing bags; and

an axis-to-axis distance between the liquid outlet ports of the third and fourth liquid storing bag is smaller than the axis-to-axis distance between the liquid outlet ports of the second and third liquid storing bags.

37. (Previously Presented) The liquid container according to claim 34, wherein the axis-to-axis distance between the liquid outlet ports of the first and second liquid storing bags is equal to the axis-to-axis distance between the liquid outlet ports of the third and fourth liquid storing bags.

38. (Previously Presented) The liquid container according to claim 34, further comprising:

a fifth and a sixth liquid storing bags, each including:

a flexible liquid storing part, and

a liquid outlet member attached to the liquid storing part and having a liquid outlet port in fluid communication with an interior of the liquid storing part, wherein:

the liquid outlet port of the first liquid storing bag is arranged between the liquid outlet ports of the fifth and the second liquid storing bags;

the liquid outlet port of the fourth liquid storing bag is arranged between the liquid outlet ports of the third and the sixth liquid storing bags;

an axis-to-axis distance between the liquid outlet ports of the fifth and the first liquid storing bags is smaller than the axis-to-axis distance between the liquid outlet ports of the first and the second liquid storing bags; and

an axis-to-axis distance between the liquid outlet ports of the fourth and the sixth liquid storing bags is smaller than the axis-to-axis distance between the liquid outlet ports of the third and the fourth liquid storing bags.

39. (Previously Presented) The liquid container according to claim 36, wherein:

each of the flexible liquid storing parts of the first, second, third and fourth liquid storing bags has an upper surface and a lower surface;

the base defines a bottom surface;

the lower surface of the liquid storing part of the second liquid storing bag partly contacts the upper surface of the liquid storing part of the first liquid storing bag and the bottom surface;

the lower surface of the liquid storing part of the third liquid storing bag partly contacts the upper surface of the liquid storing part of the second liquid storing bag and the bottom surface; and

the lower surface of the liquid storing part of the fourth liquid storing bag partly contacts the upper surface of the liquid storing part of the third liquid storing bag and the bottom surface.

40. (Previously Presented) The liquid container according to claim 36, wherein:

each of the flexible liquid storing parts of the first, second, third, fourth, fifth and sixth liquid storing bags has an upper surface and a lower surface;

the base defines a bottom surface;

the liquid container further comprises a slope member defining a slope surface inclined relative to the bottom surface;

the lower surface of the liquid storing part of the fifth liquid storing bag partly contacts the slope surface and the bottom surface;

the lower surface of the liquid storing part of the first liquid storing bag partly contacts the upper surface of the liquid storing part of the fifth liquid storing bag and the bottom surface;

the lower surface of the liquid storing part of the second liquid storing bag partly contacts the upper surface of the liquid storing part of the first liquid storing bag and the bottom surface;

the lower surface of the liquid storing part of the third liquid storing bag partly contacts the upper surface of the liquid storing part of the second liquid storing bag and the bottom surface;

the lower surface of the liquid storing part of the fourth liquid storing bag partly contacts the upper surface of the liquid storing part of the third liquid storing bag and the bottom surface; and

the lower surface of the liquid storing part of the sixth liquid storing bag partly contacts the upper surface of the liquid storing part of the fourth liquid storing bag and the bottom surface.